

Fig. 5

Array analysis (*AGEs stimulation* *on mMC*)

AGE/BSA Ratio AGE/BSA(color swap)

BMP4	21.25	2.32
BMP1	2.06	2.07
SMADI	1.27	1.22
RAGE	1.15	5.6
TGFβRII	0.49	12.1
TGFβRI	1.15	1.1
ALK3	1.18	1.3
BMPRII	2.06	4.74

Fig. 6

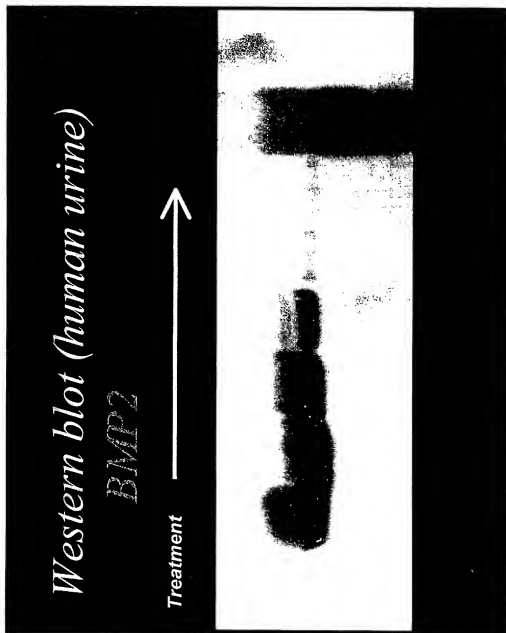


Fig. 8

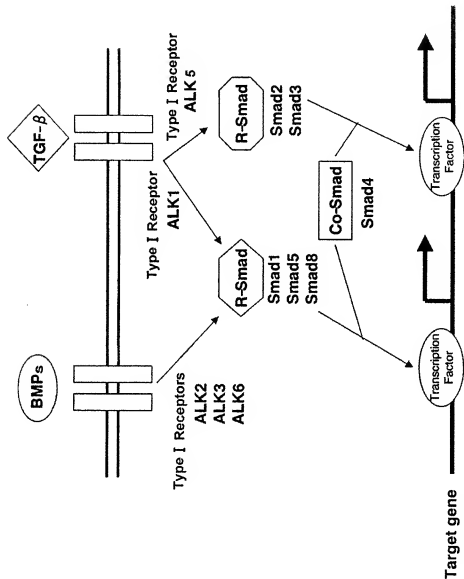


Fig. 16

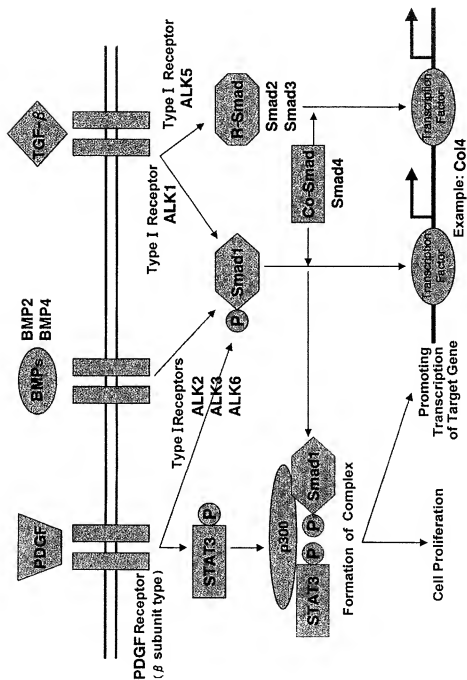


Fig. 17

Western blot (human urine ALK-1)



Lanes 1-5: diabetic nephropathy

Lane 6: mitochondrial disease in which diabetes is complicated with
sclerosing, renal proliferative disease

Lanes 7-8: diabetes + nephritis (without sclerosis)

Lanes 9-10: normal

Fig. 18

Western blot (human urine ALK-1)

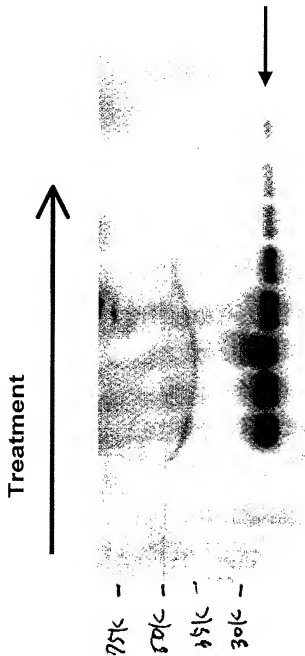
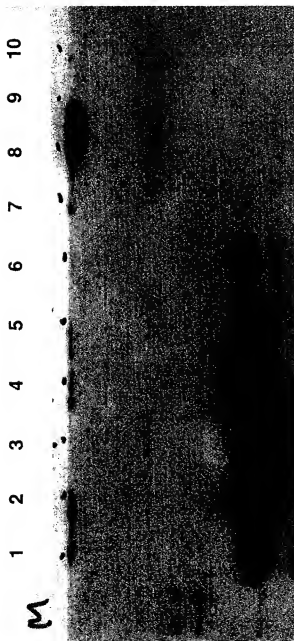


Fig. 19

Western blot (human urine Smad1)



Lanes 1-5: diabetic nephropathy

Lane 6: mitochondrial disease in which diabetes is complicated with
sclerosing, renal proliferative disease

Lanes 7-8: diabetes + nephritis (without sclerosis)

Lanes 9-1: normal